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SECOND ANNUAL REPORT

OF THE

BOARD OF TRUSTEES

OF THE

WESTERN STATE HOSPITAL FOR INSANE

TORRANCE, PA.



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FOR THE YEAR ENDING MAY 31, 1921.

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SECOND ANNUAL REPORT

OF THE

BOARD OF TRUSTEES

OF THE

Pa.

WESTERN STATE HOSPITAL FOR INSANE

TORRANCE, PA.



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WILBUR P. GRAFF

Born December 17, 1869
Died September 15, 1920

BOARD OF TRUSTEES

PRESIDENT

SAMUEL S. REIGHARD Altoona, Blair County.

TREASURER

EDWARD P. GRAFF Blairsville, Indiana County.

WALTER F. STAUFFER Scottdale, Westmoreland County.

SECRETARY

JOHN M. JAMISON Greensburg, Westmoreland County.

HENRY M. BRACKENRIDGE Pittsburgh, Allegheny County.

DAVID W. MCNAUGHER Pittsburgh, Allegheny County.

CHARLES L. SNOWDON Pittsburgh, Allegheny County.

JOHN D. WALKER Johnstown, Cambria County.

GRANT DIBERT Pittsburgh, Allegheny County.

FRANK M. GRAFF Blairsville, Indiana County.

SUPERINTENDENT

C. R. MCKINNISS, M.D.

*Deceased.

TRUSTEE'S REPORT

Hon. William C. Sproul, Governor of Pennsylvania.

SIR:—We, the Trustees of the Western State Hospital for Insane, present the Second Annual Report, at the end of the Fiscal Year May 31, 1921.

Early in the year this Board outline a tentative plan for the location and type of buildings to be erected, means of transportation, the water supply, disposal of sewage and other problems that would be encountered during the construction period of the hospital.

The services of Mr. E. K. Morse, Consulting Engineer and Mr. J. Wilkinson Elliott, Landscape Engineer, were secured to make a survey of the location and confer with the Board. Members of the Board have visited some of the modern hospitals for mental patients to acquaint themselves with the construction and operation of large hospital plants.

Looking forward to the development here of a large hospital, plans have been studied and rearranged, until a fairly definite program has been agreed upon for a complete hospital, to treat and care for 3,000 patients. Such a program of construction necessarily requires a considerable outlay of funds, and should be taken up in periods of two years each, to conform to the Legislative periods. We have therefore submitted to the State Board of Public Charities for their consideration, a list of the construction work to be done during the two year period, with the estimated amount necessary to carry out such work as follows:—

- | | |
|--|--------------|
| 1. Construction of two Ward Buildings, Capacity 600 patients..... | \$405,312.00 |
| 2. Construction of water Supply System, laying mains from the Mountain stream to the Reservoir, building dam, reservoir, and acquiring additional Watershed land | \$241,351.50 |
| 3. Provide Boiler Equipment, 300 H.P. for heating | \$48,000.00 |
| 4. Construction of Sewage Disposal plant and Sewers complete..... | \$100,000.00 |

5. Construction of Superintendent's Residence	\$32,947.20
Total	<hr/> \$827,610.70

With the completion of these plans the hospital would be prepared to care for 800 patients.

The purchase of 447.5 Acres of land at the headwaters of Shirey Run gives the hospital control of that watershed and thus prevents contamination of the future water supply. A survey has been made of the location for an impounding reservoir on this stream and for the water main leading from it to the service reservoir near the hospital site.

This Board has suffered a great loss in the death of Hon. Wilbur P. Graff, who died at his residence in Blairsville, September 15, 1920. Mr. Graff was selected as a member of the Building Commission by Governor Brumbaugh, and when that Commission was replaced by a Board of Trustees, he was appointed a trustee. He was actively interested in the organization of the Commission and the selection of the site for the hospital. He was the Treasurer of this Board since its organization and his familiarity with public affairs made his services of great value to the hospital. Mr F. M. Graff, a brother of the late member, was appointed to a place on the Board. The Report of the Superintendent, herewith transmitted, presents in a more detailed manner the report of the hospital operation.

SAMUEL S. REIGHARD, *Chairman*
JOHN M. JAMISON, *Secretary*
WALTER F. STAUFFER, *Treasurer*
JOHN D. WALKER
DAVID W. MCNAUGHER
GRANT DIBERT
HENRY M. BRACKENRIDGE
CHARLES L. SNOWDON
FRANK M. GRAFF

REPORT OF THE SUPERINTENDENT

To the Honorable Board of Trustees.

GENTLEMEN:—In accord with the By-Laws of this Hospital, I respectfully submit the Second Annual Report of the Western State Hospital for the Insane, for the year ending May 31, 1921.

Changes in Population

The number of patients on the books of the hospital June 1, 1920 was 117, and the number transferred to the hospital by the Committee on Lunacy during the year was 38, making a total of 155 under treatment. Seventeen patients were discharged from the hospital, two being transferred to another hospital, three discharged as restored and 12 as improved. Two deaths are recorded—One due to Chronic Myocarditis in a man 65 years of age, and another due to suicide by hanging. The patient had only been in the hospital 17 days and had shown no suicidal tendencies. While the other patients were at breakfast he got out of bed and taking a piece of sheet he hanged himself in the ward. The average daily number of patients actually in the hospital during the year was 118, and the average daily number on visit was 12.6. The total number of patients on the books at the end of the year, May 31, 1921 was 136 and of these 10 are on visit away from the hospital.

The general health of the patients and employees has been good. No contagious or infectious diseases have developed. The number of patients employed daily has been 77% of the average daily population, and we feel that this employment has shown its good effect in the improvement in the health of the patients, and at no time has it been necessary to seclude or use mechanical restraint on patients. The number of patients transferred to the hospital since the opening has been 158 and while we would expect, in that number, some who would be of little service in the work of the hospital, it has been gratifying to see the results obtained. There is still some difficulty in securing the transfer of men patients, suitable for the conditions here.

During the past year religious services have been held each Sabbath afternoon in the day room on the Main Dormitory Building. We have arranged with the local ministers to alternate in conducting the services. This has been appreciated by our people, and we wish to express our gratitude to the members the different church choirs, who have, from time to time, furnish us with music. On account of the very limited space and the condition of the roads it is thought advisable to discontinue the services until better arrangements can be made.

The hospital has furnished daily papers for the wards and we are indebted to Miss Margaret Ray, Mr. and Mrs. F. B. Andre and Mr. and Mrs. J. B. Gieb for magazines sent to the hospital for the use of the patients. Mr. John D. Walker has kindly furnished the Johnstown Tribune daily for the past year. A victrola and records have been placed in the wards.

Christmas Season was observed with a Christmas tree and decorations, a treat of candy, nuts and fruit, and a chicken dinner. On Thanksgiving Day the employees gave an entertainment in the evening and a chicken dinner was served. The lack of diversion is quite apparent and efforts will be made to provide other amusements.

Dr. Frank Woodbury, Secretary of Committee on Lunacy has visited the hospital during the year and discussed our problems with us. We much appreciated his valuable counsel and advice.

Brick Plant

Considerable repair work has been done about the plant, draining the ground, raising the railroad siding to ground level, and repairing the kilns. The buildings have been painted. We commenced operating the plant March 31, 1920 and closed the plant March 1, 1921 and during that time made 2,578,500 bricks, though operating only about half time. During the early operating the cost per thousand was \$7.76 but later the excessive cost of coal (\$9.25 per ton) more than doubled the cost, and caused us to close the plant until conditions improve.

Construction

The brick work on the new Colony building was commenced in June 1920 and completed in May 1921. The work has been slow but now is being pushed to completion. Contracts for the plumbing, steam fitting, electrical work and slate roofing have been let and the work is now progressing well. The economy of utilizing patient labor in this work will be readily demonstrated by comparing the actual cost under the present arrangement with the cost of similar work under contract. We hope to show in a later report some figures of our construction costs that will support this statement.

A Frick, 3 Ton Machine has been purchased and installed at a cost of \$3,995.50. This will furnish refrigeration to care for our meats, butter, milk, etc., as well as about 600 pounds of ice daily.

A Stone Crusher and Pulver (Jeffers) has been installed at the brick plant and we shall be able to prepare sand and crushed stone for building as well as pulverized lime stone for agricultural purposes.

2980 feet of Universal Cast Iron Water pipe has been laid as part of the permanent water supply lines. This required 1062 cubic yards of excavating with a cost for excavating and laying of \$1,804.00. This cost could have been much reduced had we been in position to place groups of patients on the work.

The purchase of the Carrie B. Meeds tract of land on Chestnut Ridge gives the hospital a location for a splendid water supply. This should be supplemented by the purchase of additional acreage until the hospital controls the entire watershed of Shirey Run.

On October 8th, 1920 fire destroyed the small pump house at the spring on the Lose Farm. This was apparently caused by an overheated motor,—another motor was secured and the pump was soon in operation again. The increased demand for water has necessitated the purchase of a larger pump and motor for this work which will soon be installed.

Farm

The hospital farm is proving quite an interesting proposition, being made up of fifteen properties in all stages of neglect. Some of the land shows the results of careful handling but much of it has apparently had no care at all for several years, and is grown up with brush and briars. During the past winter and spring about 170 acres have been cleaned off and prepared for crops, though we can not expect much return until the soil can be built up. The farm land has been laid out in plots and a four year rotation of crops outlined. A thresher, tractor, ensilage cutter and hay baler and other necessary farm machinery have been purchased.

The analysis made at State College of the lime stone found on the farm shows a high percentage of Calcium Carbonate and it is reported suitable for agricultural purposes. On October 13, 1920 we were invited to meet with representative of other State Institutions and Commissioner of Forestry Pinchot, with the object of establishing nurseries for forest and ornamental trees at these institutions. This will be of especial benefit to this hospital and we have already planted four beds of hard maple seed, four bushel of black walnuts and set out several thousand seedlings of elm, ash, larch, etc, which have been furnish us by the Forestry Department.

Dairy

The purchase of the Frick Farm has rounded out our plans for the establishing the dairy plant on that part of the farm. The barn is being remodeled, a silo erected and plans being made to move into the new quarters at an early date. The dairy stock continues to do well and no reactions have been found in the tests by the representatives of the Bureau of Animal Industry. We have had the herd tested in the Indiana Cow Testing Association and in June 1920 four cows were in the Honor Roll, producing over 1000 pounds of milk for the month, and in July 1920 Annie Lyons De Kol led the Association with a production of 1537 pounds of 4.2% milk during the month and for the preceding five

month this animal has had a monthly average production of 1492 pounds of milk.

An inventory of all hospital real estate and personal property is made each year, as well as reports of departmental receipts and expenditures but on account of their bulk are not included in this report.

The following table forms are those adopted by the American Psychological Association and are used almost entirely in the hospitals for mental patients in America. They are arranged to show the Hospital Activities.

I wish to express my appreciation for your continued consideration and assistance.

C. R. McKINNISS, M.D.,
Superintendent.



MAIN DORMITORY AND HEATING PLANT
A Remodded Dairy Barn Affording Accommodations for 175 Patients.

TABLE 1 GENERAL INFORMATION

Data correct at end of Institution year May 31, 1921.

1.	Date of Opening as Institution for the Insane, November 25, 1919.			
2.	Type of Institution:—State, County, Endowed, Private, etc., State Hospital.			
3.	Hospital Plant:—			
	Value of Hospital Property:—			
	Real Estate Including Buildings		\$293,897.96	
	Personal Property		99,110.35	
	Total		\$393,008.31	
	Total Acreage of Hospital Property		2,011.536	
	Acreage Under Cultivation During the Year		600	
4.	Medical Service:—			
		Men	Women	Total
	Superintendents	1	0	1
	Assistant Superintendents	0	0	0
	Medical Internes	0	0	0
	Clinical Assistants	0	0	0
	Total Physicians	1	0	1
5.	Employees on Payroll:—			
		Men	Women	Total
	Graduate Nurses	0	0	0
	Other Nurses & Attendants	12	0	12
	All other Employees	30	1	31
	Total Employees	42	1	43
6.	Patients Employed in Industrial Classes or in General Hospital Work on Date of Report			
		104	0	104
7.	Patients in Institution on Date of Report			
		126	0	126

TABLE 2 FINANCIAL STATEMENT

For the Fiscal Year Ending May 31, 1921.

RECEIPTS

1.	For Maintenance of Patients:—	
	Balance on Hand from previous Fiscal Year	\$302.73
	From Appropriations	18,662.45
	From Paying Patients	0.00
	From All Other Sources	30,344.77
	Total Receipts for Maintenance	\$49,309.95

2. For All Purposes other than Maintenance, including new buildings, additions, improvements, etc.:—

Balance on Hand from previous Fiscal Year—Overdraft	\$598.06
From All Other Sources	44,014.48
State Treasurer--Advanced Requisitions	98,957.94
State Treasurer--Direct Requisitions ..	166,042.06

Total Receipts for Construction	\$308,416.42
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TOTAL	\$357,726.37
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DISBURSEMENTS

1. Expenditures for Maintenance:—

Salaries and Wages	\$12,834.29
Provisions	14,554.08
Farm and Garden	8,006.87
Clothing	3,564.88
Furniture and Furnishings	984.15
Medical Supplies	94.93
Transportation of Patients	65.30
Printing, Stationery, Office Supplies, Etc.	2,015.93
Payments of loans and Interest on loans	5,959.50
Advancements Paid	1,426.35

Total Expenditures for Maintenance	\$49,506.28
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Account overdrawn \$196.33

2. Expenditures for all purposes other than that for maintenance including new buildings, additions, improvements, etc.....

\$306,877.84

Total Expenditures	\$356,384.12
Amount returned to State Treasurer	0.00
Balance on Hand at close of Year	1,538.58

Total disbursements including

balance on hand	\$357,922.70
Less maintenance overdraft	196.33

Equal to amount of Receipts	\$357,726.37
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TABLE 3 MOVEMENT OF INSANE PATIENT POPULATION.
For the Year Beginning June 1, 1920 and Ending May 31, 1921.

	Males	Females	Total
1. Insane Patients on Books at beginning of Institution Year	117	0	117
2. Admissions during the year:—			
(a) First Admissions	0	0	0
(b) Readmissions	0	0	0
Total Admissions	0	0	0
(c) Transfer from other Institutions for Insane	38	0	38
3. Total Received during the year	38	0	38
4. Total Number under treatment during the year	155	0	155
5. Discharged from the books during the year:—			
(a) As Recovered	3	0	3
(b) As Improved	12	0	12
(c) As Unimproved	0	0	0
(d) As not Insane	0	0	0
(e) Transferred to other Institutions for the Insane	2	0	2
(f) Died during the Year	2	0	2
6. Total Discharged and Died During the Year	19	0	19
7. Insane Patients remaining on the Books of Institution at end of Institution Year	136	0	136

SUPPLEMENTARY DATA

	Males	Females	Total
8. Average daily number of Insane patients actually in institution during the year	118	0	118
9. Average daily number of other insane patients on books but away from institution on parole, on visit, boarded out, escaped or on temporary leave	12.6	0	12.6
10. Insane voluntary patients admitted during the year	0	0	0
11. Drug Cases	0	0	0
12. Inebriates	0	0	0
13. Neurological Cases	0	0	0
14. Epileptics (Not Feeble-minded)	0	0	0
15. Feeble-minded Cases (Not Epileptics)	0	0	0
16. Feeble-minded Epileptics	0	0	0
17. All other Cases	0	0	0
18. Persons given advice or treatment in out-patient department during the year	0	0	0

**TABLE 15. DISCHARGE OF PATIENTS CLASSIFIED WITH
REFERENCE TO PRINCIPAL PSYCHOSIS AND CONDITION
ON DISCHARGE FOR THE YEAR ENDING
MAY 31, 1921.**

Psychosis	Total			Recovered			Improved			Unimproved			Not Insane		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
With Cerebral															
Arteriosclerosis	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0
Manic Depressive..	8	0	8	3	0	3	5	0	5	0	0	0	0	0	0
Dementia Praecox..	5	0	5	0	0	0	3	0	3	2	0	2	0	0	0
Epileptic Psychosis	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0
With Mental															
Deficiency	2	0	2	0	0	0	2	0	2	0	0	0	0	0	0
TOTAL	17	0	17	3	0	3	12	0	12	2	0	2	0	0	0

**TABLE 16 CAUSES OF DEATH OF PATIENTS CLASSIFIED
WITH REFERENCE TO PRINCIPAL PSYCHOSIS
FOR THE YEAR ENDING MAY 31, 1921.**

Cause of Death	Total			Senile Psychosis			Alcoholic Psychosis		
	M	F	T	M	F	T	M	F	T
Chronic Myocarditis	1	0	1	1	0	1	0	0	0
Suicide (Hanging)	1	0	1	0	0	0	1	0	1
TOTAL	2	0	2	1	0	1	1	0	1

**TABLE 17 AGE OF PATENTS AT TIME OF DEATH CLASSIFIED
WITH REFERENCE TO PRINCIPAL PSYCHOSIS
FOR THE YEAR ENDING MAY 31, 1921.**

Psychosis	Total			35 to 39			65 to 69		
	M	F	T	M	F	T	M	F	T
Alcoholic Psychosis	1	0	1	0	0	0	1	0	1
Senile Psychosis	1	0	1	1	0	1	0	0	0
TOTAL	2	0	2	1	0	1	1	0	1

**TABLE 18. TOTAL DURATION OF HOSPITAL LIFE OF
PATIENTS DYING IN HOSPITAL CLASSIFIED
ACCORDING TO PRINCIPAL PSYCHOSIS
FOR THE YEAR ENDING MAY 31, 1921.**

Psychosis	Total			Less than 1 Month			1 to 3 Months		
	M	F	T	M	F	T	M	F	T
Alcoholic Psychosis	1	0	1	1	0	1	0	0	0
Senile Psychosis	1	0	1	0	0	0	1	0	1
TOTAL	2	0	2	1	0	1	1	0	1

Pa. Western State
5 Hosp. for Insane.
HT Lorraine Annual.

ISSUED TO 1921

DATE

